



LD29300D2M33R Information



For Reference Only

Part Number LD29300D2M33R

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 3.3V 3A D2PAK/A

Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Description









LD29300D2M33R Specifications

Manufacturer Part Number LD29300D2M33R Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Fixed Number of Regulators I Voltage - Input (Max) 14V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.7V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 180µA ~ 100mA PSRR 67d8 (120Hz) Control Features Over Current, Over Temperature Operating Temperature 4.0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	======================================	
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)14VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)180μA ~ 100mAPSRR67dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageD2Pak/A		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)14VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)180µA ~ 100mAPSRR67dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageD2Pak/A	Package	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 14V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.7V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 180μA ~ 100mA PSRR 67dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	Series	-
Number of Regulators1Voltage - Input (Max)14VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)180μA ~ 100mAPSRR67dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageD2Pak/A	Output Configuration	Positive
Voltage - Input (Max)14VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)180μA ~ 100mAPSRR67dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageD2Pak/A	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 180μΑ ~ 100mA PSRR 67dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.7V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 180μΑ ~ 100mA PSRR 67dB (120Hz) Control Features - Verrent - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	Voltage - Input (Max)	14V
Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 67dB (120Hz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package	Voltage - Output (Min/Fixed)	3.3V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) 180μA ~ 100mA PSRR 67dB (120Hz) Control Features - Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 180μA ~ 100mA PSRR 67dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package	Voltage Dropout (Max)	0.7V @ 3A
Current - Supply (Max)180μA ~ 100mAPSRR67dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageD2Pak/A	Current - Output	3A
PSRR 67dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	Current - Supply (Max)	$180\mu\text{A} \sim 100\text{mA}$
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	PSRR	67dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	Control Features	-
Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	Protection Features	Over Current, Over Temperature
Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2Pak/A	Operating Temperature	-40°C ~ 125°C
Supplier Device Package D2Pak/A	Mounting Type	Surface Mount
	Package / Case	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Report errors?	Supplier Device Package	D2Pak/A
		Report errors?

LD29300D2M33R Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

LD29300D2M33R Payment Methods



















LD29300D2M33R Shipping Methods













If you have any question about LD29300D2M33R, please do not hesitate to contact us!

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